

APPARATUS AND METHODS FOR FAULT-TOLERANT COMPUTING USING A SWITCHING FABRIC

Abstract of the Disclosure

Apparatus and methods for fault-tolerant computing using an asynchronous switching fabric where at least one of a plurality of redundant data processing elements executing substantially identical instructions communicates transactions to at least one target device, such as input/output device, or another data processing element. The transactions are communicated through the asynchronous switching fabric wherein each of the data processing elements and the target device are connected to the asynchronous switching fabric through a respective channel adapter.

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